



2005 "VOLUNTEERS WORKING WITH INVASIVES" GRANTS REPORT FORM

Display Report

PROJECT BACKGROUND INFORMATION

Project Title:	Early detection, monitoring and mapping of invasives with volunteers	
Region:	1	
Station:	Mid-Columbia River NWRC (13580)	
Contact Person: Name and Phone Number	Gary Hagedorn (509) 371-9212	
Project Description: (Up to 250 words)	Project will initiate a program for the early detection, monitoring and mapping of invasive species on McNary and Umatilla NWR's using Refuge volunteers. The initial program will center on the recruitment, training, and management of volunteers in partnership with the Refuge Friends Group - Friends of the Mid-Columbia River Wildlife Refuges. Priority species that are not prevalent but pose a future threat, and for which an early detection early response program would be most beneficial include rush skeletonwee, tamarisk, and yellow starthistle. Monitoring and mapping of more established and widespread weeds such as phragmites and false indigo would also benefit from the program. The initial year would initiate the recruiting and training of volunteers on the operation of hand held GPS equipment, weed identification, monitoring protocols and data entry.	
List of Invasives Species Targeted:	Common Name	Scientific Name
	rush skeletonweed	<i>chondrilla juncea</i>
	tamarisk	<i>parviflora</i>
	yellow starthistle	<i>centaurea solstitialis</i>
	purple loosestrife	<i>lythrum salicaria</i>
	phragmites	<i>phragmites communis</i>
	knapweeds	<i>maculosa</i>
Project Status:	Completed	
Project Completion Date or Estimated Completion Date: (mm/dd/yyyy)	09/15/2005	

VOLUNTEER INFORMATION

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Volunteer Affiliation: (Check all that apply)	VA_FriendsGrp VA_SchoolGrp VA_CivicOrg
Volunteer Involvement: Describe the type of work the volunteers performed. (Up to 150 words)	Volunteers hand pulled weeds and established shrub-steppe demonstration site for Environmental Education. Mapped vegetation at McNary and Umatilla for CCP - 7500 acres. Aided staff with chemical treatment of 300 acres.
Total Number of Volunteers:	46
Total Number of Volunteer Hours:	920
Partnerships: List both new and existing partnerships utilized in this project. (Up to 150 words).	Friends of the Mid-Columbia Refuges Richland Rod and Gun Club Columbia School District

PROJECT RESULTS

Project Results: Give an overview of the results of the project. Include quantifiable measure of success, such as maps produced, efficacy of control measures, number of sites where invasions were detected early and responded to, number of community contacts, etc. (Up to 250 words).	Shrub-steppe demonstraton site - Volunteer hours to establish and maintain = 920, 1 acres, 2200 students using site. Pest plant control - 300 acres Area mapped - 7500 acres
Number of Acres Treated:	300
Number of Acres Inventoried and/or Mapped:	7500
Number of Acres Restored:	1

BUDGET INFORMATION

Budget: Account for funds in broad categories such as equipment, volunteer stipends, travel, coordinator salary/contract, etc.

Total Grant Amount:	\$ 7,500.00
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Breakdown of Expenditures:

Category	Total \$ Spent	% of Total Grant
Equipment / Supplies	\$1,200.00	0.00
Chemical	\$7,500.00	100.0
Biocontrol Agents		
Travel		
Volunteer Stipends		
Volunteer Coordinator Salary/Contract		
Restoration Materials		
Other		
TOTAL	\$8,700	

Recommendations: (OPTIONAL) How useful was this program for meeting refuge invasive species objectives and how can it be improved?	
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